

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: EPHESUS

Report Number: P1305617 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-80-1S-CV1-A**

Issue Date: 2/3/2026

Test Information

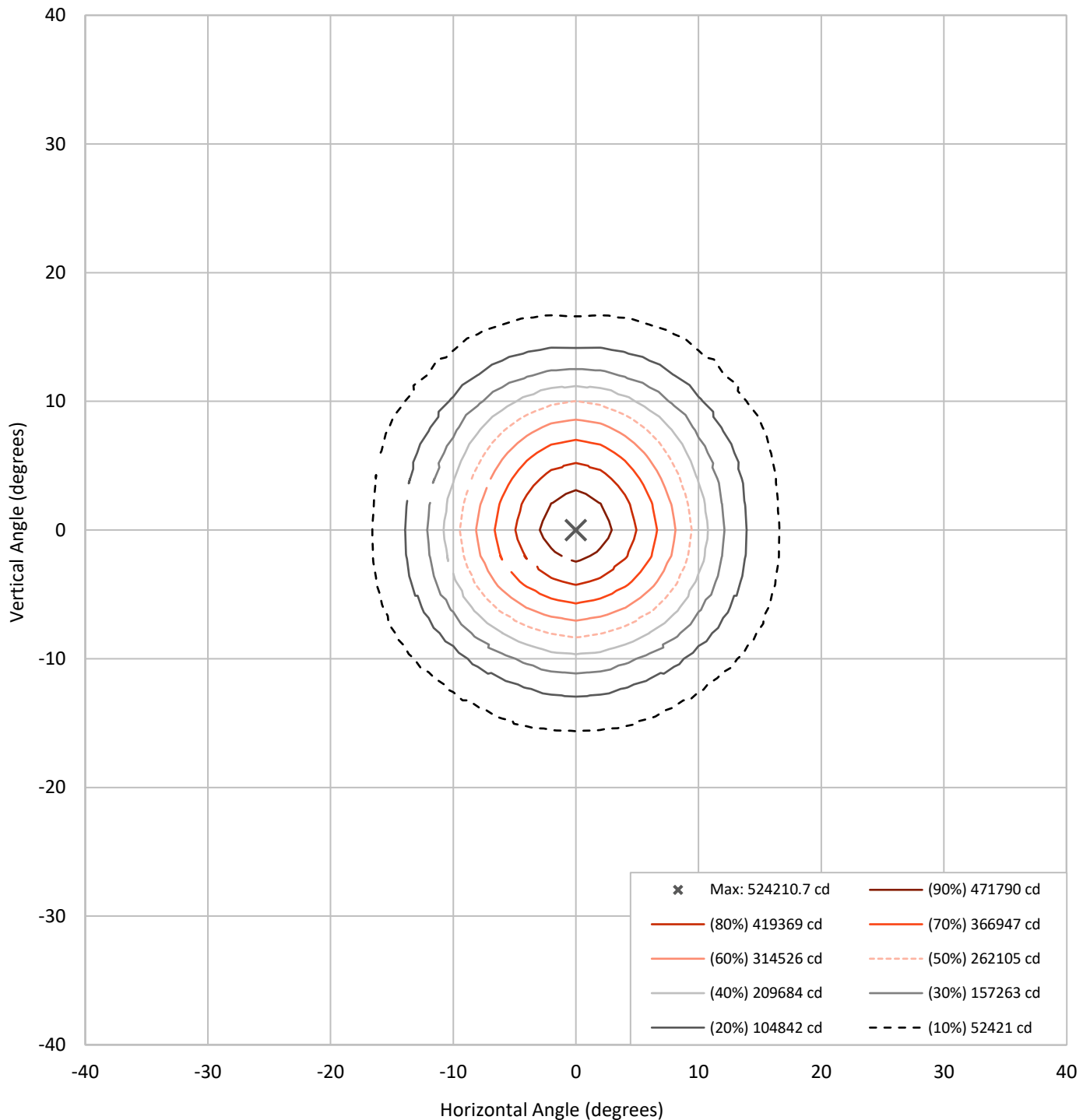
Test Method: LM-79-08
Report Number: P1305617 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-40-80-1S-CV1-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 1S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	63142 lumens	Max Intensity:	524210.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	93.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.9°H x 18.3°V	Field Angle (10%):	33°H x 31.9°V
Beam Lumens:	29460.2 lumens	Field Lumens:	53507.8 lumens
Beam Efficiency:	46.7%	Field Efficiency:	84.7%
Input Watts (W):	677		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





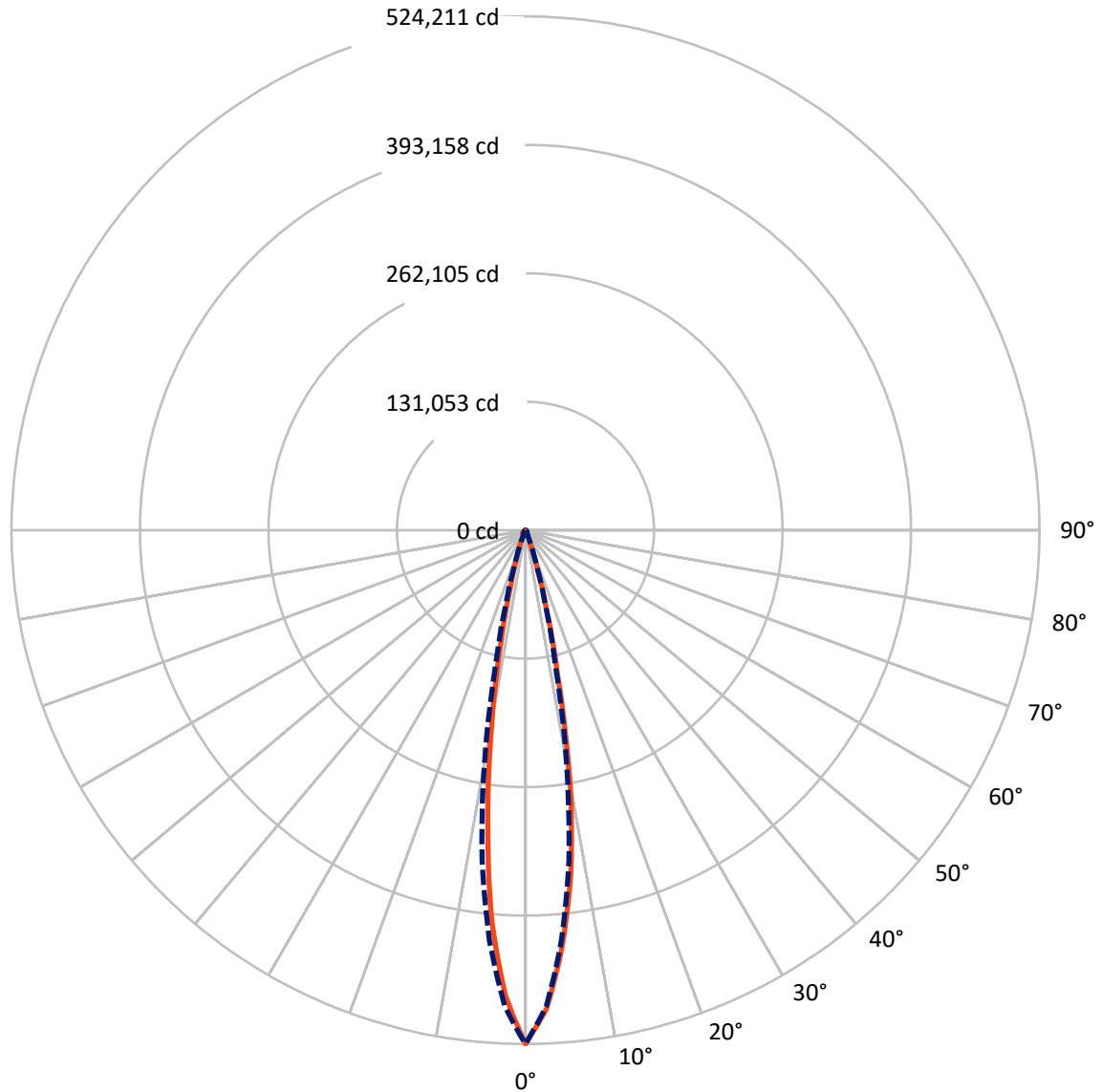
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Lumen Table

90	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.1							
80	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.1							
70	0.1	0.1	0.1	0.5	0.6	0.4	0.3	0.2	0.2	0.3	0.4	0.6	0.5	0.1	0.1	0.1	
60		0.1	0.3	0.5	0.4	0.2	0.2	0.3	0.3	0.2	0.2	0.4	0.5	0.3	0.1		
50	0.2	0.2	0.4	0.4	0.4	0.7	1.0	0.8	0.8	1.0	0.7	0.4	0.4	0.4	0.2	0.2	
40		0.2	0.7	1.7	3.5	5.0	7.2	8.8	8.8	7.2	5.0	3.5	1.7	0.7	0.2		
30	0.2	0.4	3.4	10.9	25.8	35.0	56.1	100.0	100.0	56.1	35.0	25.8	10.9	3.4	0.4	0.2	
20		1.1	7.3	31.5	63.4	84.0	614.1	2474.8	2474.8	614.1	84.0	63.4	31.5	7.3	1.1		
10	0.3	1.7	9.4	42.5	70.6	154.3	2300.7	9935.9	9935.9	2300.7	154.3	70.6	42.5	9.4	1.7	0.3	
0		2.1	10.0	41.7	70.5	149.8	2201.1	9204.3	9204.3	2201.1	149.8	70.5	41.7	10.0	2.1		
-10	0.5	2.5	9.6	33.4	65.0	82.0	490.2	1837.7	1837.7	490.2	82.0	65.0	33.4	9.6	2.5	0.5	
-20		2.6	9.3	23.2	64.3	80.7	91.4	157.7	157.7	91.4	80.7	64.3	23.2	9.3	2.6		
-30	0.4	2.2	8.5	16.3	45.7	94.7	110.8	114.2	114.2	110.8	94.7	45.7	16.3	8.5	2.2	0.4	
-40		1.6	6.4	14.4	24.2	43.5	78.9	107.1	107.1	78.9	43.5	24.2	14.4	6.4	1.6		
-50	0.3	0.8	3.7	9.7	18.5	26.9	33.9	38.1	38.1	33.9	26.9	18.5	9.7	3.7	0.8	0.3	
-60		0.4	1.3	3.8	7.9	13.0	18.0	21.0	21.0	18.0	13.0	7.9	3.8	1.3	0.4		
-70	0.2	0.8	3.7	9.7	18.5	26.9	33.9	38.1	38.1	33.9	26.9	18.5	9.7	3.7	0.8	0.2	
-80		0.4	1.3	3.8	7.9	13.0	18.0	21.0	21.0	18.0	13.0	7.9	3.8	1.3	0.4		
-90	0.2	1.0	2.9	6.6	8.9	6.6	2.9	1.0	0.2								

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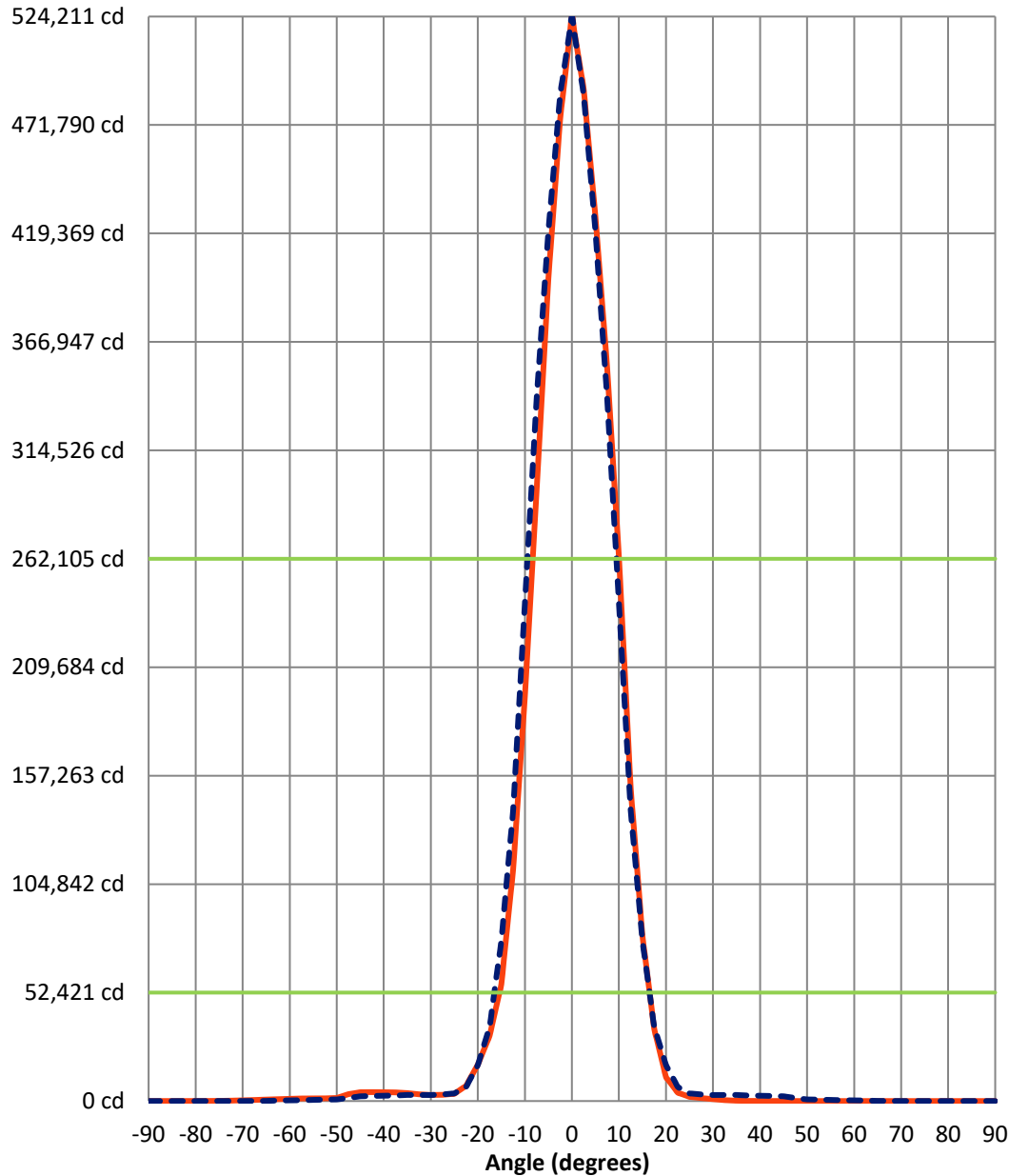
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 18.9°
 V Angle: 18.3°
 Lumens: 29460.2
 Efficiency: 46.7%

Field:
 H Angle: 33°
 V Angle: 31.9°
 Lumens: 53507.8
 Efficiency: 84.7%

Spill:
 Lumens: 9634.2
 Efficiency: 15.3%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	3.8	3.8	3.8	4.4	5.1	5.7	6.3	7.0	7.6	8.3	8.9
87.5°	3.8	3.8	3.8	3.5	3.3	3.0	2.8	2.8	2.7	2.6	2.5
85°	3.8	3.9	3.8	3.6	3.4	3.2	3.2	3.1	3.0	2.8	2.5
82.5°	3.8	3.9	3.8	3.6	3.5	3.5	3.5	3.4	3.2	3.0	2.9
80°	3.8	3.9	3.8	3.7	3.6	3.7	3.8	3.8	3.7	3.5	3.4
77.5°	3.8	3.9	3.8	3.7	3.7	3.9	4.2	4.2	4.1	4.1	3.9
75°	3.8	4.0	3.8	3.7	3.8	4.2	4.5	4.6	4.5	4.2	3.9
72.5°	3.8	4.0	3.8	3.8	4.1	4.4	4.8	4.9	4.6	4.2	3.9
70°	3.8	4.0	3.9	3.8	4.3	4.7	5.1	4.9	4.6	4.3	4.4
67.5°	3.8	4.1	3.9	4.0	4.5	5.0	5.1	4.9	4.6	4.8	4.9
65°	3.8	4.1	3.9	4.1	4.7	5.1	5.2	5.0	5.1	5.3	5.4
62.5°	3.8	4.1	3.9	4.3	4.9	5.2	5.2	5.3	5.5	5.7	5.6
60°	3.8	4.2	4.0	4.4	5.1	5.3	5.3	5.6	5.9	6.0	5.8
57.5°	3.8	4.2	4.1	4.6	5.2	5.5	5.6	6.0	6.3	6.3	6.3
55°	3.8	4.2	4.2	4.7	5.3	5.6	5.9	6.3	6.7	6.8	6.9
52.5°	3.8	4.3	4.3	4.9	5.5	5.7	6.2	6.7	7.1	7.3	7.5
50°	3.8	4.3	4.5	5.0	5.6	6.0	6.5	7.2	7.6	7.8	8.6
47.5°	3.8	4.4	4.6	5.1	5.7	6.2	6.8	7.6	8.0	8.4	9.8
45°	3.8	4.4	4.7	5.2	5.9	6.5	7.3	8.1	8.5	9.3	10.8
42.5°	3.8	4.4	4.8	5.3	6.0	6.7	7.7	8.5	9.0	10.2	12.8
40°	3.8	4.5	4.9	5.5	6.2	7.0	8.1	8.9	9.6	11.0	14.8
37.5°	3.8	4.5	5.0	5.7	6.4	7.2	8.5	9.3	10.4	12.2	16.6
35°	3.8	4.6	5.2	5.8	6.6	7.5	9.0	9.7	11.2	14.0	18.1
32.5°	3.8	4.6	5.3	6.0	6.7	7.8	9.4	10.1	12.0	15.7	19.6
30°	3.8	4.6	5.4	6.1	6.9	8.2	9.7	10.5	12.8	17.3	21.5
27.5°	3.8	4.7	5.5	6.3	7.1	8.5	10.0	11.2	13.9	18.9	23.6
25°	3.8	4.7	5.6	6.4	7.3	8.8	10.3	11.9	15.2	20.5	26.0
22.5°	3.8	4.8	5.7	6.6	7.5	9.1	10.6	12.5	16.4	22.3	29.6
20°	3.8	4.8	5.7	6.7	7.7	9.4	10.9	13.2	17.5	24.2	33.5
17.5°	3.8	4.9	5.8	6.8	7.9	9.6	11.1	13.8	18.6	26.2	37.7
15°	3.8	4.9	5.9	7.0	8.0	9.7	11.3	14.3	19.6	28.2	42.0
12.5°	3.8	4.9	6.0	7.1	8.2	9.9	11.6	14.8	20.5	30.2	46.3
10°	3.8	5.0	6.1	7.2	8.4	10.0	11.8	15.2	21.3	32.1	50.7
7.5°	3.8	5.0	6.1	7.3	8.5	10.0	12.0	15.6	22.1	33.8	54.9
5°	3.8	5.0	6.2	7.4	8.7	10.1	12.2	15.9	22.9	35.4	58.8
2.5°	3.8	5.1	6.2	7.5	8.8	10.1	12.4	16.2	23.5	36.7	62.5
0°	3.8	5.1	6.3	7.6	8.9	10.1	12.6	16.4	24.0	37.9	65.7
-2.5°	3.8	5.1	6.4	7.7	9.1	10.7	13.8	19.6	30.8	50.1	84.5
-5°	3.8	5.1	6.4	7.8	9.3	11.2	14.9	22.6	37.4	61.7	102.4
-7.5°	3.8	5.2	6.4	7.8	9.5	11.7	16.0	25.4	43.4	72.5	119.0
-10°	3.8	5.2	6.5	7.9	9.7	12.2	16.9	27.9	48.9	82.3	133.9
-12.5°	3.8	5.2	6.5	7.9	9.8	12.6	17.8	30.1	53.6	90.9	146.4
-15°	3.8	5.2	6.6	8.0	9.9	12.9	18.5	31.8	58.1	98.6	156.7
-17.5°	3.8	5.2	6.6	8.0	10.0	13.2	19.1	33.8	62.4	104.8	164.6
-20°	3.8	5.2	6.6	8.0	10.1	13.5	19.7	35.7	65.6	109.5	170.0



REPORT NUMBER: P1305617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.8	5.2	6.6	8.1	10.1	13.6	20.4	36.8	67.6	112.6	172.7
-25°	3.8	5.2	6.6	8.1	10.2	13.7	20.7	37.0	68.2	113.9	172.6
-27.5°	3.8	5.2	6.6	8.1	10.1	13.8	20.7	36.3	67.3	113.7	173.4
-30°	3.8	5.2	6.6	8.1	10.1	13.8	20.2	34.5	66.1	112.7	172.0
-32.5°	3.8	5.2	6.6	8.0	10.1	13.7	19.4	33.6	64.1	109.6	168.1
-35°	3.8	5.1	6.6	8.0	10.0	13.5	18.9	32.6	60.7	104.4	161.7
-37.5°	3.8	5.1	6.6	8.0	9.9	13.3	18.7	30.9	55.8	97.1	151.4
-40°	3.8	5.1	6.5	7.9	9.8	13.2	18.3	28.6	49.3	89.6	139.4
-42.5°	3.8	5.1	6.5	7.9	9.7	13.0	17.7	25.6	44.6	79.8	125.2
-45°	3.8	5.0	6.5	7.9	9.7	12.7	17.1	23.2	40.4	68.5	109.4
-47.5°	3.8	5.0	6.4	7.8	9.6	12.4	16.3	22.3	35.3	55.9	94.9
-50°	3.8	4.9	6.4	7.8	9.5	12.0	15.7	21.2	29.3	48.8	78.8
-52.5°	3.8	4.9	6.3	7.7	9.4	11.5	15.1	19.9	26.2	41.0	62.1
-55°	3.8	4.8	6.3	7.6	9.3	11.3	14.4	18.5	24.4	32.5	52.1
-57.5°	3.8	4.8	6.2	7.5	9.2	11.0	13.7	17.5	22.5	28.7	41.3
-60°	3.8	4.7	6.1	7.3	9.0	10.8	12.9	16.4	20.6	26.2	32.5
-62.5°	3.8	4.6	6.0	7.2	8.7	10.5	12.5	15.4	19.3	23.6	29.4
-65°	3.8	4.6	5.8	7.0	8.4	10.2	12.1	14.4	18.0	21.8	26.1
-67.5°	3.8	4.5	5.6	6.8	8.1	9.8	11.6	13.8	16.7	20.3	23.9
-70°	3.8	4.4	5.5	6.6	7.7	9.3	11.1	13.2	15.8	18.7	22.1
-72.5°	3.8	4.4	5.3	6.4	7.4	8.7	10.4	12.5	14.8	17.4	20.3
-75°	3.8	4.3	5.1	6.1	7.0	8.1	9.5	11.6	13.7	16.0	18.5
-77.5°	3.8	4.2	4.9	5.8	6.7	7.5	8.6	10.5	12.5	14.5	16.6
-80°	3.8	4.1	4.7	5.5	6.3	7.0	7.7	9.5	11.3	13.2	15.0
-82.5°	3.8	4.0	4.4	5.3	6.0	6.7	7.3	8.6	10.1	11.8	13.5
-85°	3.8	4.0	4.2	5.0	5.7	6.4	7.0	8.1	9.3	10.6	12.0
-87.5°	3.8	3.9	4.0	4.7	5.4	6.0	6.6	7.5	8.4	9.4	10.5
-90°	3.8	3.8	3.8	3.5	3.2	2.8	2.5	2.5	2.5	2.5	2.5



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 CATALOG NUMBER: EPH-08-640L-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.9	8.9	8.9	8.9	9.2	9.5	9.8	10.1	10.4	10.8	11.1
87.5°	2.3	2.2	2.1	2.0	1.8	1.7	1.5	1.3	1.3	1.3	1.3
85°	2.5	2.5	2.5	2.5	2.3	2.1	1.9	1.8	1.7	1.6	1.5
82.5°	2.9	2.8	2.7	2.5	2.5	2.5	2.5	2.5	2.3	2.1	2.0
80°	3.4	3.2	3.0	2.9	2.9	2.9	2.8	2.5	2.5	2.6	2.7
77.5°	3.6	3.5	3.5	3.6	3.6	3.3	3.2	3.2	3.4	3.6	3.7
75°	3.7	3.8	3.9	3.9	3.7	3.7	3.8	4.1	4.2	4.2	4.1
72.5°	4.0	4.2	4.1	4.0	4.1	4.4	4.7	5.0	5.6	6.3	6.9
70°	4.5	4.6	4.5	4.6	4.8	5.4	6.5	7.8	9.2	10.8	13.1
67.5°	5.0	4.9	4.9	5.3	6.1	7.3	8.9	13.9	19.8	22.3	23.0
65°	5.1	5.1	5.6	6.4	7.5	11.5	17.0	23.9	30.4	31.1	30.0
62.5°	5.2	5.6	6.4	8.2	12.0	17.3	23.4	29.9	37.3	37.6	32.9
60°	5.7	6.2	8.1	11.7	16.1	21.0	27.6	32.9	38.9	41.8	31.9
57.5°	6.3	7.4	10.6	14.9	19.3	23.0	26.5	32.0	35.2	35.7	26.3
55°	7.3	9.0	13.0	17.9	21.2	20.4	23.3	26.3	27.5	25.6	18.3
52.5°	8.8	10.8	15.9	20.2	20.9	19.1	19.1	20.5	19.1	16.4	14.3
50°	10.2	14.0	18.6	21.3	20.7	18.2	15.4	15.1	14.5	13.6	12.3
47.5°	12.5	16.9	20.9	22.5	19.9	17.3	13.9	13.5	13.5	13.0	11.9
45°	15.1	19.3	23.4	21.9	19.5	16.8	15.5	13.9	13.9	14.1	14.8
42.5°	17.4	21.2	23.2	21.3	19.7	18.9	18.7	16.6	16.5	20.0	21.1
40°	19.0	22.9	23.2	22.9	21.2	22.9	23.5	23.7	24.7	28.3	30.1
37.5°	20.3	23.4	24.9	27.3	25.6	28.4	29.7	43.5	45.2	38.2	52.4
35°	21.4	24.6	31.0	37.9	40.1	35.6	53.7	72.7	79.3	75.0	91.1
32.5°	22.6	26.3	39.2	55.6	70.7	66.9	84.4	117.3	138.3	148.9	161.8
30°	24.9	33.9	52.0	78.3	117.1	140.4	141.8	176.6	215.2	283.6	345.4
27.5°	28.8	44.0	73.8	121.3	181.2	229.8	238.9	261.4	349.6	479.1	642.2
25°	33.3	68.4	98.7	179.7	267.9	322.7	338.6	376.9	530.0	827.1	988.1
22.5°	45.7	100.9	141.0	247.8	365.2	412.5	445.7	584.8	861.3	1253.9	1374.9
20°	69.1	138.6	193.5	306.2	463.5	501.2	551.2	849.5	1292.6	1619.7	1784.1
17.5°	96.7	176.6	246.0	364.0	502.4	572.2	678.0	1152.5	1738.2	1973.1	2144.2
15°	127.6	214.7	291.6	414.8	536.7	619.3	876.6	1504.8	2115.1	2309.5	2476.9
12.5°	160.6	252.4	330.8	459.0	570.6	663.2	1057.4	1752.5	2296.4	2571.2	2786.8
10°	194.6	289.5	364.3	496.8	603.6	703.5	1226.7	1964.7	2387.9	2615.6	2853.5
7.5°	215.7	313.1	390.1	528.6	635.0	740.2	1380.1	2141.3	2451.0	2629.4	2805.7
5°	231.6	321.2	396.7	542.8	658.5	767.2	1495.7	2281.8	2491.1	2618.9	2722.3
2.5°	243.6	326.8	401.1	550.6	676.1	780.8	1506.7	2304.0	2478.8	2598.8	2670.2
0°	251.6	330.0	403.3	553.8	690.3	790.2	1484.4	2292.3	2451.6	2575.5	2659.0
-2.5°	260.5	339.6	421.5	563.6	691.6	790.5	1463.2	2269.6	2478.6	2645.0	2783.6
-5°	265.8	347.3	437.0	569.6	689.3	787.4	1415.5	2211.4	2475.3	2650.5	2820.4
-7.5°	268.3	353.3	449.0	571.3	679.4	772.3	1334.6	2072.4	2371.2	2535.0	2745.3
-10°	269.2	360.9	454.7	562.3	660.2	748.7	1226.8	1911.8	2263.5	2413.5	2634.5
-12.5°	271.7	369.9	458.2	553.5	640.7	722.5	1095.0	1735.9	2155.2	2287.1	2512.1
-15°	271.7	377.2	460.8	545.8	621.7	694.1	940.3	1549.9	2095.9	2310.2	2495.2
-17.5°	269.5	382.8	462.7	540.4	604.3	663.7	769.1	1383.8	2058.6	2360.1	2542.6
-20°	265.2	386.7	464.3	538.3	589.6	649.6	733.4	1198.7	1868.7	2382.7	2605.5



REPORT NUMBER: P1305617 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	259.0	388.9	465.8	536.6	594.4	651.1	721.6	988.9	1604.8	2379.9	2607.4
-25°	256.0	378.0	465.5	536.3	601.5	654.0	707.7	789.2	1321.2	2041.2	2538.3
-27.5°	254.9	365.4	457.5	531.0	607.9	658.6	705.1	771.3	1050.0	1635.6	2396.8
-30°	249.9	344.8	446.0	520.5	601.5	664.0	709.7	751.7	828.4	1286.2	1919.6
-32.5°	238.4	323.3	423.9	505.0	586.1	669.0	711.4	747.5	804.1	939.6	1454.0
-35°	225.0	306.1	397.8	485.3	564.7	651.8	708.7	746.6	783.8	849.3	1082.6
-37.5°	212.9	286.4	371.3	459.5	539.1	621.0	702.6	742.7	780.2	827.0	915.8
-40°	198.4	264.2	346.1	430.0	509.6	588.5	667.6	737.2	774.8	835.7	894.3
-42.5°	181.7	245.5	319.1	399.7	475.9	553.2	630.7	705.2	783.3	844.4	903.0
-45°	163.3	224.3	290.5	363.7	438.6	514.0	589.3	666.7	760.8	854.0	912.7
-47.5°	142.4	200.6	263.5	324.0	396.1	470.0	543.8	625.0	718.2	815.5	920.3
-50°	120.3	174.0	231.6	287.2	348.4	420.3	492.8	574.5	662.2	756.3	855.0
-52.5°	100.1	144.7	196.5	250.3	303.8	363.7	436.2	513.8	596.0	684.4	770.7
-55°	78.1	117.5	158.7	209.3	261.7	312.6	371.6	444.2	519.9	600.1	677.9
-57.5°	61.6	89.4	124.1	164.4	213.6	265.1	315.9	370.8	437.8	508.5	573.4
-60°	48.1	66.3	91.6	124.5	161.0	208.2	258.5	308.2	360.1	411.7	467.7
-62.5°	35.7	49.7	65.8	87.2	117.8	150.1	191.9	238.3	286.5	329.4	370.0
-65°	31.7	35.8	46.9	61.7	76.8	103.4	133.0	164.0	204.2	242.0	278.8
-67.5°	27.5	31.4	35.0	40.5	53.7	67.0	80.1	105.9	132.7	156.9	182.7
-70°	24.9	27.1	30.3	33.4	36.4	42.0	53.6	64.9	75.6	88.7	109.0
-72.5°	22.5	24.3	26.3	28.6	31.2	33.8	36.5	39.3	46.0	54.9	62.9
-75°	20.2	21.4	22.8	24.6	26.4	28.3	30.2	32.4	34.7	37.3	39.9
-77.5°	17.9	18.9	19.8	20.7	22.0	23.6	25.1	26.6	28.1	29.5	30.8
-80°	15.8	16.4	17.1	17.9	18.7	19.6	20.6	21.6	22.7	23.8	24.9
-82.5°	14.1	14.5	14.9	15.3	15.7	16.1	16.5	17.2	17.8	18.5	19.1
-85°	12.3	12.6	12.9	13.2	13.4	13.7	13.9	14.2	14.4	14.6	14.8
-87.5°	10.6	10.7	10.9	11.0	11.3	11.5	11.7	11.9	12.0	12.2	12.3
-90°	2.2	1.9	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3



REPORT NUMBER: P1305617 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	11.4	11.7	12.0	12.3	12.6	12.9	13.3	13.6	13.9	13.9	13.9
87.5°	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.0	0.6
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	1.9	1.8	1.7	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	2.9	2.7	2.5	2.3	2.1	1.9	1.8	1.6	1.3	1.3	1.3
77.5°	3.8	3.6	3.2	2.9	2.6	2.4	2.3	2.3	2.3	2.4	2.4
75°	3.9	3.8	4.0	4.0	3.8	3.6	3.4	3.1	2.6	2.5	2.5
72.5°	7.5	7.8	7.7	7.5	6.9	6.4	6.2	5.9	5.5	5.5	5.4
70°	14.3	14.5	13.9	12.6	10.8	9.5	8.9	8.3	7.5	7.5	7.9
67.5°	21.9	20.0	18.3	16.2	13.6	11.8	11.1	10.5	9.7	9.4	9.4
65°	27.0	21.2	18.1	16.0	14.7	13.3	11.8	10.4	9.1	8.2	7.9
62.5°	26.6	18.6	15.0	13.3	12.1	11.2	9.8	8.5	7.4	6.7	6.5
60°	23.1	15.5	11.5	10.4	9.5	8.9	8.1	7.3	6.7	6.3	6.3
57.5°	18.1	12.1	8.9	8.7	8.4	7.9	7.4	7.0	6.6	6.3	6.6
55°	13.2	10.6	9.0	8.8	8.5	8.0	7.5	7.4	7.3	7.1	7.7
52.5°	11.4	10.4	10.0	9.7	9.2	8.9	8.8	8.8	8.9	9.1	9.3
50°	11.2	10.8	10.5	10.0	10.0	10.0	10.0	10.4	10.7	10.9	11.0
47.5°	11.7	11.5	11.9	11.2	11.5	12.3	12.4	12.7	13.7	13.9	13.9
45°	13.7	15.5	16.0	15.9	15.5	20.3	21.2	19.4	26.8	25.7	20.0
42.5°	21.2	23.4	24.9	29.4	36.2	40.7	52.5	72.1	64.5	48.6	31.4
40°	36.3	35.7	42.5	51.0	56.0	65.2	79.6	98.4	90.8	77.1	82.3
37.5°	64.0	64.8	67.1	78.1	82.1	72.0	93.3	91.7	77.8	99.5	102.0
35°	117.5	130.0	110.4	134.4	140.1	131.4	139.2	154.0	133.2	161.1	170.1
32.5°	211.4	232.9	233.8	239.4	259.3	278.5	283.9	323.8	336.7	370.4	406.5
30°	337.6	377.4	411.2	420.4	447.0	494.4	533.6	610.5	692.7	754.6	835.9
27.5°	608.5	572.5	647.9	739.7	710.4	779.3	920.5	1031.5	1195.6	1313.7	1377.5
25°	984.3	925.7	1063.1	1203.0	1203.2	1215.0	1419.2	1597.3	1731.6	1838.2	1931.7
22.5°	1427.7	1500.6	1623.7	1786.2	1701.5	1778.7	1981.5	2126.1	2314.3	2498.6	3051.1
20°	1924.7	2072.2	2173.5	2149.2	2145.5	2276.8	2455.2	2734.2	3303.3	5309.3	7224.9
17.5°	2362.5	2541.7	2532.8	2430.8	2479.2	2699.5	3023.3	4106.8	6981.5	13496.6	19593.8
15°	2702.1	2781.9	2729.4	2668.4	2776.5	3106.4	3916.2	7420.2	16143.7	26576.8	38485.4
12.5°	2928.9	2897.5	2759.7	2769.7	3026.6	3490.2	6242.3	14443.3	27057.0	41873.6	71814.0
10°	3016.6	2930.7	2810.1	2921.7	3272.3	4388.0	8395.8	20053.9	39124.3	69928.5	110284.3
7.5°	2956.9	2883.7	2849.7	3046.9	3513.4	5811.2	13050.9	28364.6	56081.3	95805.4	152596.3
5°	2918.3	2869.4	2876.7	3129.1	3665.9	6857.8	16340.9	33592.9	69563.5	120829.9	193080.3
2.5°	2916.0	2886.9	2899.8	3186.2	3752.0	7393.5	18194.3	34463.6	74299.3	134441.8	226205.6
0°	2947.2	2928.3	2916.9	3197.6	3710.9	6869.3	17455.8	35862.4	77548.4	140583.1	240596.6
-2.5°	3092.8	2937.6	2931.1	3196.9	3756.2	7259.1	17888.0	35379.3	76375.8	134907.2	225158.8
-5°	3058.0	2882.5	2854.5	3077.6	3599.8	6537.0	15660.4	32673.7	67088.1	114712.2	185583.7
-7.5°	2919.8	2802.6	2752.7	2930.4	3384.4	5486.7	12144.9	25796.3	50518.6	86465.8	133732.5
-10°	2807.4	2730.1	2656.5	2779.4	3124.6	4193.0	7742.2	17306.0	34363.2	58798.5	85867.3
-12.5°	2748.4	2711.8	2579.2	2613.4	2854.6	3328.5	5417.3	11697.6	21520.0	31928.3	52157.1
-15°	2706.6	2678.8	2554.6	2546.3	2681.0	2961.2	3568.8	6067.6	12034.2	19527.2	27556.6
-17.5°	2668.8	2658.6	2592.8	2521.3	2538.1	2700.5	3035.1	3922.4	6154.3	10917.1	16107.0
-20°	2687.0	2692.9	2642.6	2567.9	2541.3	2562.3	2736.1	3041.9	3607.2	5532.7	7883.9



REPORT NUMBER: P1305617 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2681.2	2698.4	2684.9	2690.2	2658.2	2609.3	2574.9	2708.4	2922.3	3264.7	4134.3
-25°	2680.7	2704.3	2804.6	2933.2	2919.9	2803.2	2681.1	2575.3	2697.8	2845.7	3061.5
-27.5°	2641.0	2794.5	3044.4	3234.0	3288.4	3160.6	2989.7	2811.9	2792.4	2787.8	2870.8
-30°	2628.0	2957.8	3252.6	3522.8	3560.9	3496.4	3417.3	3290.7	3154.7	3079.5	3039.3
-32.5°	2231.4	3029.8	3390.4	3633.4	3693.6	3690.7	3708.5	3648.4	3606.0	3557.4	3488.6
-35°	1694.1	2531.9	3414.7	3526.8	3624.7	3712.0	3828.8	3858.7	3882.3	3909.2	3933.2
-37.5°	1183.0	1836.1	2569.6	3209.5	3412.8	3564.7	3771.7	3923.5	4049.9	4112.6	4187.8
-40°	980.0	1160.5	1728.7	2269.6	2802.5	3294.0	3516.9	3775.6	4017.6	4152.1	4275.1
-42.5°	959.9	1024.1	1092.4	1469.6	1920.6	2384.5	2840.3	3253.5	3693.7	3987.3	4203.2
-45°	966.3	998.8	1038.7	1104.9	1175.5	1529.6	1911.4	2301.3	2782.4	3252.4	3662.7
-47.5°	965.5	995.1	1026.7	1058.8	1100.9	1166.9	1234.8	1345.1	1686.3	2047.0	2396.0
-50°	932.1	992.3	1021.7	1051.7	1082.3	1115.0	1149.2	1197.6	1255.4	1309.5	1353.3
-52.5°	847.6	918.6	986.7	1043.9	1072.0	1100.6	1131.0	1171.4	1209.3	1244.8	1263.3
-55°	752.2	822.8	891.8	953.2	1011.1	1066.8	1118.5	1155.5	1193.4	1231.8	1247.6
-57.5°	642.5	713.7	782.2	839.5	897.2	955.0	1008.6	1060.0	1111.4	1160.0	1187.2
-60°	525.7	585.2	646.5	705.2	761.4	814.8	864.6	913.4	960.1	1000.9	1026.6
-62.5°	411.0	457.8	509.6	560.5	609.8	657.5	703.5	747.4	788.8	823.7	847.9
-65°	314.6	349.6	385.2	421.9	459.4	500.4	539.1	575.6	609.9	638.2	659.4
-67.5°	213.7	243.9	272.8	300.0	327.4	356.4	385.8	413.4	439.1	459.9	476.4
-70°	128.5	147.3	165.7	185.2	207.3	228.4	249.1	268.7	287.0	301.3	312.1
-72.5°	70.0	76.8	85.9	100.9	114.8	127.7	139.5	150.2	159.7	167.6	174.1
-75°	42.6	46.1	51.6	56.9	62.0	67.0	71.7	76.0	79.9	83.1	85.9
-77.5°	32.6	34.5	36.2	37.9	39.4	41.1	42.8	44.3	45.7	47.0	48.2
-80°	26.0	27.1	28.1	29.1	30.0	31.0	32.1	33.1	34.1	34.9	35.5
-82.5°	19.8	20.8	21.8	22.7	23.5	24.1	24.7	25.2	25.8	26.3	26.8
-85°	15.0	15.7	16.5	17.2	18.0	18.3	18.5	18.6	18.7	19.1	19.5
-87.5°	12.4	12.7	13.1	13.4	13.8	14.1	14.5	14.8	15.2	15.5	15.8
-90°	1.3	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.6
87.5°	0.3	0.0	0.6	1.3	0.6	0.0	0.3	0.6	1.0	1.3	1.2
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6
77.5°	2.4	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3
75°	2.5	2.5	3.1	3.8	3.1	2.5	2.5	2.5	2.5	2.6	3.1
72.5°	5.3	5.1	5.1	5.1	5.1	5.1	5.3	5.4	5.5	5.5	5.9
70°	8.3	8.7	8.9	8.9	8.9	8.7	8.3	7.9	7.5	7.5	8.3
67.5°	9.2	8.9	7.7	6.3	7.7	8.9	9.2	9.4	9.4	9.7	10.5
65°	7.8	7.7	7.0	6.3	7.0	7.7	7.8	7.9	8.2	9.1	10.4
62.5°	6.4	6.4	6.3	6.3	6.3	6.4	6.4	6.5	6.7	7.4	8.5
60°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.7	7.3
57.5°	7.0	7.4	7.6	7.6	7.6	7.4	7.0	6.6	6.3	6.6	7.0
55°	8.2	8.7	8.9	8.9	8.9	8.7	8.2	7.7	7.1	7.3	7.4
52.5°	9.3	9.0	9.3	10.1	9.3	9.0	9.3	9.3	9.1	8.9	8.8
50°	11.1	11.2	11.4	11.4	11.4	11.2	11.1	11.0	10.9	10.7	10.4
47.5°	14.0	13.9	13.9	13.9	13.9	13.9	14.0	13.9	13.9	13.7	12.7
45°	20.7	21.1	21.7	22.8	21.7	21.1	20.7	20.0	25.7	26.8	19.4
42.5°	32.8	33.5	33.8	34.1	33.8	33.5	32.8	31.4	48.6	64.5	72.1
40°	78.1	62.1	46.5	46.8	46.5	62.1	78.1	82.3	77.1	90.8	98.4
37.5°	89.7	81.6	78.3	77.1	78.3	81.6	89.7	102.0	99.5	77.8	91.7
35°	169.8	172.8	169.0	170.7	169.0	172.8	169.8	170.1	161.1	133.2	154.0
32.5°	418.1	435.1	429.1	431.1	429.1	435.1	418.1	406.5	370.4	336.7	323.8
30°	868.7	920.8	932.7	929.3	932.7	920.8	868.7	835.9	754.6	692.7	610.5
27.5°	1403.2	1444.6	1453.1	1445.2	1453.1	1444.6	1403.2	1377.5	1313.7	1195.6	1031.5
25°	1983.3	2022.7	2045.0	2034.4	2045.0	2022.7	1983.3	1931.7	1838.2	1731.6	1597.3
22.5°	3690.8	3869.9	3957.3	4076.3	3957.3	3869.9	3690.8	3051.1	2498.6	2314.3	2126.1
20°	10884.7	12122.0	11887.5	11632.1	11887.5	12122.0	10884.7	7224.9	5309.3	3303.3	2734.2
17.5°	27169.7	33253.4	36150.2	34971.0	36150.2	33253.4	27169.7	19593.8	13496.6	6981.5	4106.8
15°	55569.8	72567.8	82506.4	79853.3	82506.4	72567.8	55569.8	38485.4	26576.8	16143.7	7420.2
12.5°	100665.2	127680.0	148375.9	151338.4	148375.9	127680.0	100665.2	71814.0	41873.6	27057.0	14443.3
10°	158311.8	208232.7	249372.9	262805.2	249372.9	208232.7	158311.8	110284.3	69928.5	39124.3	20053.9
7.5°	227023.9	293664.9	341110.9	354298.8	341110.9	293664.9	227023.9	152596.3	95805.4	56081.3	28364.6
5°	282131.8	358826.8	411367.7	427506.0	411367.7	358826.8	282131.8	193080.3	120829.9	69563.5	33592.9
2.5°	323409.3	403855.1	462444.1	489215.0	462444.1	403855.1	323409.3	226205.6	134441.8	74299.3	34463.6
0°	339399.5	420466.0	486164.7	524210.7	486164.7	420466.0	339399.5	240596.6	140583.1	77548.4	35862.4
-2.5°	323757.5	399126.6	449718.9	474667.3	449718.9	399126.6	323757.5	225158.8	134907.2	76375.8	35379.3
-5°	269538.6	336230.2	379859.3	397472.3	379859.3	336230.2	269538.6	185583.7	114712.2	67088.1	32673.7
-7.5°	193131.0	247876.8	280397.3	295237.9	280397.3	247876.8	193131.0	133732.5	86465.8	50518.6	25796.3
-10°	125475.3	155777.8	188567.4	195585.4	188567.4	155777.8	125475.3	85867.3	58798.5	34363.2	17306.0
-12.5°	70689.7	89811.1	106107.6	111988.9	106107.6	89811.1	70689.7	52157.1	31928.3	21520.0	11697.6
-15°	38245.5	49140.0	55010.1	56453.7	55010.1	49140.0	38245.5	27556.6	19527.2	12034.2	6067.6
-17.5°	21958.0	27191.4	30186.1	31561.0	30186.1	27191.4	21958.0	16107.0	10917.1	6154.3	3922.4
-20°	11733.8	14686.7	16372.8	17613.8	16372.8	14686.7	11733.8	7883.9	5532.7	3607.2	3041.9



REPORT NUMBER: P1305617 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5389.5	6299.7	6814.0	7395.3	6814.0	6299.7	5389.5	4134.3	3264.7	2922.3	2708.4
-25°	3248.9	3371.4	3445.2	3504.8	3445.2	3371.4	3248.9	3061.5	2845.7	2697.8	2575.3
-27.5°	2942.0	2982.1	3005.3	3029.4	3005.3	2982.1	2942.0	2870.8	2787.8	2792.4	2811.9
-30°	3004.7	2964.1	2950.0	2934.6	2950.0	2964.1	3004.7	3039.3	3079.5	3154.7	3290.7
-32.5°	3419.5	3340.5	3298.2	3258.3	3298.2	3340.5	3419.5	3488.6	3557.4	3606.0	3648.4
-35°	3923.9	3888.4	3869.8	3846.2	3869.8	3888.4	3923.9	3933.2	3909.2	3882.3	3858.7
-37.5°	4200.4	4194.2	4193.1	4181.2	4193.1	4194.2	4200.4	4187.8	4112.6	4049.9	3923.5
-40°	4289.4	4286.9	4280.7	4274.8	4280.7	4286.9	4289.4	4275.1	4152.1	4017.6	3775.6
-42.5°	4260.7	4298.9	4317.2	4317.8	4317.2	4298.9	4260.7	4203.2	3987.3	3693.7	3253.5
-45°	3924.1	4118.5	4231.7	4262.2	4231.7	4118.5	3924.1	3662.7	3252.4	2782.4	2301.3
-47.5°	2706.7	2981.0	3192.3	3325.3	3192.3	2981.0	2706.7	2396.0	2047.0	1686.3	1345.1
-50°	1391.4	1427.1	1463.1	1498.3	1463.1	1427.1	1391.4	1353.3	1309.5	1255.4	1197.6
-52.5°	1278.1	1293.0	1302.2	1307.3	1302.2	1293.0	1278.1	1263.3	1244.8	1209.3	1171.4
-55°	1261.9	1275.7	1282.5	1284.6	1282.5	1275.7	1261.9	1247.6	1231.8	1193.4	1155.5
-57.5°	1210.5	1229.9	1241.4	1246.7	1241.4	1229.9	1210.5	1187.2	1160.0	1111.4	1060.0
-60°	1048.1	1065.3	1076.9	1083.6	1076.9	1065.3	1048.1	1026.6	1000.9	960.1	913.4
-62.5°	868.0	884.0	892.8	896.4	892.8	884.0	868.0	847.9	823.7	788.8	747.4
-65°	676.9	690.7	704.6	715.6	704.6	690.7	676.9	659.4	638.2	609.9	575.6
-67.5°	490.3	501.4	513.6	523.4	513.6	501.4	490.3	476.4	459.9	439.1	413.4
-70°	320.5	326.6	336.6	345.2	336.6	326.6	320.5	312.1	301.3	287.0	268.7
-72.5°	179.3	183.2	190.6	197.2	190.6	183.2	179.3	174.1	167.6	159.7	150.2
-75°	88.2	90.0	90.8	91.0	90.8	90.0	88.2	85.9	83.1	79.9	76.0
-77.5°	49.3	50.3	50.5	50.6	50.5	50.3	49.3	48.2	47.0	45.7	44.3
-80°	36.1	36.6	37.3	37.9	37.3	36.6	36.1	35.5	34.9	34.1	33.1
-82.5°	27.3	27.7	27.8	27.8	27.8	27.7	27.3	26.8	26.3	25.8	25.2
-85°	19.8	20.2	20.2	20.2	20.2	20.2	19.8	19.5	19.1	18.7	18.6
-87.5°	16.1	16.4	16.4	16.4	16.4	16.4	16.1	15.8	15.5	15.2	14.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	13.3	12.9	12.6	12.3	12.0	11.7	11.4	11.1	10.8	10.4	10.1
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.5	1.6	1.7	1.8
82.5°	1.3	1.3	1.3	1.5	1.7	1.8	1.9	2.0	2.1	2.3	2.5
80°	1.8	1.9	2.1	2.3	2.5	2.7	2.9	2.7	2.6	2.5	2.5
77.5°	2.3	2.4	2.6	2.9	3.2	3.6	3.8	3.7	3.6	3.4	3.2
75°	3.4	3.6	3.8	4.0	4.0	3.8	3.9	4.1	4.2	4.2	4.1
72.5°	6.2	6.4	6.9	7.5	7.7	7.8	7.5	6.9	6.3	5.6	5.0
70°	8.9	9.5	10.8	12.6	13.9	14.5	14.3	13.1	10.8	9.2	7.8
67.5°	11.1	11.8	13.6	16.2	18.3	20.0	21.9	23.0	22.3	19.8	13.9
65°	11.8	13.3	14.7	16.0	18.1	21.2	27.0	30.0	31.1	30.4	23.9
62.5°	9.8	11.2	12.1	13.3	15.0	18.6	26.6	32.9	37.6	37.3	29.9
60°	8.1	8.9	9.5	10.4	11.5	15.5	23.1	31.9	41.8	38.9	32.9
57.5°	7.4	7.9	8.4	8.7	8.9	12.1	18.1	26.3	35.7	35.2	32.0
55°	7.5	8.0	8.5	8.8	9.0	10.6	13.2	18.3	25.6	27.5	26.3
52.5°	8.8	8.9	9.2	9.7	10.0	10.4	11.4	14.3	16.4	19.1	20.5
50°	10.0	10.0	10.0	10.0	10.5	10.8	11.2	12.3	13.6	14.5	15.1
47.5°	12.4	12.3	11.5	11.2	11.9	11.5	11.7	11.9	13.0	13.5	13.5
45°	21.2	20.3	15.5	15.9	16.0	15.5	13.7	14.8	14.1	13.9	13.9
42.5°	52.5	40.7	36.2	29.4	24.9	23.4	21.2	21.1	20.0	16.5	16.6
40°	79.6	65.2	56.0	51.0	42.5	35.7	36.3	30.1	28.3	24.7	23.7
37.5°	93.3	72.0	82.1	78.1	67.1	64.8	64.0	52.4	38.2	45.2	43.5
35°	139.2	131.4	140.1	134.4	110.4	130.0	117.5	91.1	75.0	79.3	72.7
32.5°	283.9	278.5	259.3	239.4	233.8	232.9	211.4	161.8	148.9	138.3	117.3
30°	533.6	494.4	447.0	420.4	411.2	377.4	337.6	345.4	283.6	215.2	176.6
27.5°	920.5	779.3	710.4	739.7	647.9	572.5	608.5	642.2	479.1	349.6	261.4
25°	1419.2	1215.0	1203.2	1203.0	1063.1	925.7	984.3	988.1	827.1	530.0	376.9
22.5°	1981.5	1778.7	1701.5	1786.2	1623.7	1500.6	1427.7	1374.9	1253.9	861.3	584.8
20°	2455.2	2276.8	2145.5	2149.2	2173.5	2072.2	1924.7	1784.1	1619.7	1292.6	849.5
17.5°	3023.3	2699.5	2479.2	2430.8	2532.8	2541.7	2362.5	2144.2	1973.1	1738.2	1152.5
15°	3916.2	3106.4	2776.5	2668.4	2729.4	2781.9	2702.1	2476.9	2309.5	2115.1	1504.8
12.5°	6242.3	3490.2	3026.6	2769.7	2759.7	2897.5	2928.9	2786.8	2571.2	2296.4	1752.5
10°	8395.8	4388.0	3272.3	2921.7	2810.1	2930.7	3016.6	2853.5	2615.6	2387.9	1964.7
7.5°	13050.9	5811.2	3513.4	3046.9	2849.7	2883.7	2956.9	2805.7	2629.4	2451.0	2141.3
5°	16340.9	6857.8	3665.9	3129.1	2876.7	2869.4	2918.3	2722.3	2618.9	2491.1	2281.8
2.5°	18194.3	7393.5	3752.0	3186.2	2899.8	2886.9	2916.0	2670.2	2598.8	2478.8	2304.0
0°	17455.8	6869.3	3710.9	3197.6	2916.9	2928.3	2947.2	2659.0	2575.5	2451.6	2292.3
-2.5°	17888.0	7259.1	3756.2	3196.9	2931.1	2937.6	3092.8	2783.6	2645.0	2478.6	2269.6
-5°	15660.4	6537.0	3599.8	3077.6	2854.5	2882.5	3058.0	2820.4	2650.5	2475.3	2211.4
-7.5°	12144.9	5486.7	3384.4	2930.4	2752.7	2802.6	2919.8	2745.3	2535.0	2371.2	2072.4
-10°	7742.2	4193.0	3124.6	2779.4	2656.5	2730.1	2807.4	2634.5	2413.5	2263.5	1911.8
-12.5°	5417.3	3328.5	2854.6	2613.4	2579.2	2711.8	2748.4	2512.1	2287.1	2155.2	1735.9
-15°	3568.8	2961.2	2681.0	2546.3	2554.6	2678.8	2706.6	2495.2	2310.2	2095.9	1549.9
-17.5°	3035.1	2700.5	2538.1	2521.3	2592.8	2658.6	2668.8	2542.6	2360.1	2058.6	1383.8
-20°	2736.1	2562.3	2541.3	2567.9	2642.6	2692.9	2687.0	2605.5	2382.7	1868.7	1198.7



REPORT NUMBER: P1305617 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2574.9	2609.3	2658.2	2690.2	2684.9	2698.4	2681.2	2607.4	2379.9	1604.8	988.9
-25°	2681.1	2803.2	2919.9	2933.2	2804.6	2704.3	2680.7	2538.3	2041.2	1321.2	789.2
-27.5°	2989.7	3160.6	3288.4	3234.0	3044.4	2794.5	2641.0	2396.8	1635.6	1050.0	771.3
-30°	3417.3	3496.4	3560.9	3522.8	3252.6	2957.8	2628.0	1919.6	1286.2	828.4	751.7
-32.5°	3708.5	3690.7	3693.6	3633.4	3390.4	3029.8	2231.4	1454.0	939.6	804.1	747.5
-35°	3828.8	3712.0	3624.7	3526.8	3414.7	2531.9	1694.1	1082.6	849.3	783.8	746.6
-37.5°	3771.7	3564.7	3412.8	3209.5	2569.6	1836.1	1183.0	915.8	827.0	780.2	742.7
-40°	3516.9	3294.0	2802.5	2269.6	1728.7	1160.5	980.0	894.3	835.7	774.8	737.2
-42.5°	2840.3	2384.5	1920.6	1469.6	1092.4	1024.1	959.9	903.0	844.4	783.3	705.2
-45°	1911.4	1529.6	1175.5	1104.9	1038.7	998.8	966.3	912.7	854.0	760.8	666.7
-47.5°	1234.8	1166.9	1100.9	1058.8	1026.7	995.1	965.5	920.3	815.5	718.2	625.0
-50°	1149.2	1115.0	1082.3	1051.7	1021.7	992.3	932.1	855.0	756.3	662.2	574.5
-52.5°	1131.0	1100.6	1072.0	1043.9	986.7	918.6	847.6	770.7	684.4	596.0	513.8
-55°	1118.5	1066.8	1011.1	953.2	891.8	822.8	752.2	677.9	600.1	519.9	444.2
-57.5°	1008.6	955.0	897.2	839.5	782.2	713.7	642.5	573.4	508.5	437.8	370.8
-60°	864.6	814.8	761.4	705.2	646.5	585.2	525.7	467.7	411.7	360.1	308.2
-62.5°	703.5	657.5	609.8	560.5	509.6	457.8	411.0	370.0	329.4	286.5	238.3
-65°	539.1	500.4	459.4	421.9	385.2	349.6	314.6	278.8	242.0	204.2	164.0
-67.5°	385.8	356.4	327.4	300.0	272.8	243.9	213.7	182.7	156.9	132.7	105.9
-70°	249.1	228.4	207.3	185.2	165.7	147.3	128.5	109.0	88.7	75.6	64.9
-72.5°	139.5	127.7	114.8	100.9	85.9	76.8	70.0	62.9	54.9	46.0	39.3
-75°	71.7	67.0	62.0	56.9	51.6	46.1	42.6	39.9	37.3	34.7	32.4
-77.5°	42.8	41.1	39.4	37.9	36.2	34.5	32.6	30.8	29.5	28.1	26.6
-80°	32.1	31.0	30.0	29.1	28.1	27.1	26.0	24.9	23.8	22.7	21.6
-82.5°	24.7	24.1	23.5	22.7	21.8	20.8	19.8	19.1	18.5	17.8	17.2
-85°	18.5	18.3	18.0	17.2	16.5	15.7	15.0	14.8	14.6	14.4	14.2
-87.5°	14.5	14.1	13.8	13.4	13.1	12.7	12.4	12.3	12.2	12.0	11.9
-90°	0.0	0.0	0.0	0.3	0.7	1.0	1.3	1.3	1.3	1.3	1.3



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	9.8	9.5	9.2	8.9	8.9	8.9	8.9	8.9	8.3	7.6	7.0
87.5°	1.5	1.7	1.8	2.0	2.1	2.2	2.3	2.5	2.6	2.7	2.8
85°	1.9	2.1	2.3	2.5	2.5	2.5	2.5	2.5	2.8	3.0	3.1
82.5°	2.5	2.5	2.5	2.5	2.7	2.8	2.9	2.9	3.0	3.2	3.4
80°	2.8	2.9	2.9	2.9	3.0	3.2	3.4	3.4	3.5	3.7	3.8
77.5°	3.2	3.3	3.6	3.6	3.5	3.5	3.6	3.9	4.1	4.1	4.2
75°	3.8	3.7	3.7	3.9	3.9	3.8	3.7	3.9	4.2	4.5	4.6
72.5°	4.7	4.4	4.1	4.0	4.1	4.2	4.0	3.9	4.2	4.6	4.9
70°	6.5	5.4	4.8	4.6	4.5	4.6	4.5	4.4	4.3	4.6	4.9
67.5°	8.9	7.3	6.1	5.3	4.9	4.9	5.0	4.9	4.8	4.6	4.9
65°	17.0	11.5	7.5	6.4	5.6	5.1	5.1	5.4	5.3	5.1	5.0
62.5°	23.4	17.3	12.0	8.2	6.4	5.6	5.2	5.6	5.7	5.5	5.3
60°	27.6	21.0	16.1	11.7	8.1	6.2	5.7	5.8	6.0	5.9	5.6
57.5°	26.5	23.0	19.3	14.9	10.6	7.4	6.3	6.3	6.3	6.3	6.0
55°	23.3	20.4	21.2	17.9	13.0	9.0	7.3	6.9	6.8	6.7	6.3
52.5°	19.1	19.1	20.9	20.2	15.9	10.8	8.8	7.5	7.3	7.1	6.7
50°	15.4	18.2	20.7	21.3	18.6	14.0	10.2	8.6	7.8	7.6	7.2
47.5°	13.9	17.3	19.9	22.5	20.9	16.9	12.5	9.8	8.4	8.0	7.6
45°	15.5	16.8	19.5	21.9	23.4	19.3	15.1	10.8	9.3	8.5	8.1
42.5°	18.7	18.9	19.7	21.3	23.2	21.2	17.4	12.8	10.2	9.0	8.5
40°	23.5	22.9	21.2	22.9	23.2	22.9	19.0	14.8	11.0	9.6	8.9
37.5°	29.7	28.4	25.6	27.3	24.9	23.4	20.3	16.6	12.2	10.4	9.3
35°	53.7	35.6	40.1	37.9	31.0	24.6	21.4	18.1	14.0	11.2	9.7
32.5°	84.4	66.9	70.7	55.6	39.2	26.3	22.6	19.6	15.7	12.0	10.1
30°	141.8	140.4	117.1	78.3	52.0	33.9	24.9	21.5	17.3	12.8	10.5
27.5°	238.9	229.8	181.2	121.3	73.8	44.0	28.8	23.6	18.9	13.9	11.2
25°	338.6	322.7	267.9	179.7	98.7	68.4	33.3	26.0	20.5	15.2	11.9
22.5°	445.7	412.5	365.2	247.8	141.0	100.9	45.7	29.6	22.3	16.4	12.5
20°	551.2	501.2	463.5	306.2	193.5	138.6	69.1	33.5	24.2	17.5	13.2
17.5°	678.0	572.2	502.4	364.0	246.0	176.6	96.7	37.7	26.2	18.6	13.8
15°	876.6	619.3	536.7	414.8	291.6	214.7	127.6	42.0	28.2	19.6	14.3
12.5°	1057.4	663.2	570.6	459.0	330.8	252.4	160.6	46.3	30.2	20.5	14.8
10°	1226.7	703.5	603.6	496.8	364.3	289.5	194.6	50.7	32.1	21.3	15.2
7.5°	1380.1	740.2	635.0	528.6	390.1	313.1	215.7	54.9	33.8	22.1	15.6
5°	1495.7	767.2	658.5	542.8	396.7	321.2	231.6	58.8	35.4	22.9	15.9
2.5°	1506.7	780.8	676.1	550.6	401.1	326.8	243.6	62.5	36.7	23.5	16.2
0°	1484.4	790.2	690.3	553.8	403.3	330.0	251.6	65.7	37.9	24.0	16.4
-2.5°	1463.2	790.5	691.6	563.6	421.5	339.6	260.5	84.5	50.1	30.8	19.6
-5°	1415.5	787.4	689.3	569.6	437.0	347.3	265.8	102.4	61.7	37.4	22.6
-7.5°	1334.6	772.3	679.4	571.3	449.0	353.3	268.3	119.0	72.5	43.4	25.4
-10°	1226.8	748.7	660.2	562.3	454.7	360.9	269.2	133.9	82.3	48.9	27.9
-12.5°	1095.0	722.5	640.7	553.5	458.2	369.9	271.7	146.4	90.9	53.6	30.1
-15°	940.3	694.1	621.7	545.8	460.8	377.2	271.7	156.7	98.6	58.1	31.8
-17.5°	769.1	663.7	604.3	540.4	462.7	382.8	269.5	164.6	104.8	62.4	33.8
-20°	733.4	649.6	589.6	538.3	464.3	386.7	265.2	170.0	109.5	65.6	35.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	721.6	651.1	594.4	536.6	465.8	388.9	259.0	172.7	112.6	67.6	36.8
-25°	707.7	654.0	601.5	536.3	465.5	378.0	256.0	172.6	113.9	68.2	37.0
-27.5°	705.1	658.6	607.9	531.0	457.5	365.4	254.9	173.4	113.7	67.3	36.3
-30°	709.7	664.0	601.5	520.5	446.0	344.8	249.9	172.0	112.7	66.1	34.5
-32.5°	711.4	669.0	586.1	505.0	423.9	323.3	238.4	168.1	109.6	64.1	33.6
-35°	708.7	651.8	564.7	485.3	397.8	306.1	225.0	161.7	104.4	60.7	32.6
-37.5°	702.6	621.0	539.1	459.5	371.3	286.4	212.9	151.4	97.1	55.8	30.9
-40°	667.6	588.5	509.6	430.0	346.1	264.2	198.4	139.4	89.6	49.3	28.6
-42.5°	630.7	553.2	475.9	399.7	319.1	245.5	181.7	125.2	79.8	44.6	25.6
-45°	589.3	514.0	438.6	363.7	290.5	224.3	163.3	109.4	68.5	40.4	23.2
-47.5°	543.8	470.0	396.1	324.0	263.5	200.6	142.4	94.9	55.9	35.3	22.3
-50°	492.8	420.3	348.4	287.2	231.6	174.0	120.3	78.8	48.8	29.3	21.2
-52.5°	436.2	363.7	303.8	250.3	196.5	144.7	100.1	62.1	41.0	26.2	19.9
-55°	371.6	312.6	261.7	209.3	158.7	117.5	78.1	52.1	32.5	24.4	18.5
-57.5°	315.9	265.1	213.6	164.4	124.1	89.4	61.6	41.3	28.7	22.5	17.5
-60°	258.5	208.2	161.0	124.5	91.6	66.3	48.1	32.5	26.2	20.6	16.4
-62.5°	191.9	150.1	117.8	87.2	65.8	49.7	35.7	29.4	23.6	19.3	15.4
-65°	133.0	103.4	76.8	61.7	46.9	35.8	31.7	26.1	21.8	18.0	14.4
-67.5°	80.1	67.0	53.7	40.5	35.0	31.4	27.5	23.9	20.3	16.7	13.8
-70°	53.6	42.0	36.4	33.4	30.3	27.1	24.9	22.1	18.7	15.8	13.2
-72.5°	36.5	33.8	31.2	28.6	26.3	24.3	22.5	20.3	17.4	14.8	12.5
-75°	30.2	28.3	26.4	24.6	22.8	21.4	20.2	18.5	16.0	13.7	11.6
-77.5°	25.1	23.6	22.0	20.7	19.8	18.9	17.9	16.6	14.5	12.5	10.5
-80°	20.6	19.6	18.7	17.9	17.1	16.4	15.8	15.0	13.2	11.3	9.5
-82.5°	16.5	16.1	15.7	15.3	14.9	14.5	14.1	13.5	11.8	10.1	8.6
-85°	13.9	13.7	13.4	13.2	12.9	12.6	12.3	12.0	10.6	9.3	8.1
-87.5°	11.7	11.5	11.3	11.0	10.9	10.7	10.6	10.5	9.4	8.4	7.5
-90°	1.3	1.3	1.3	1.3	1.6	1.9	2.2	2.5	2.5	2.5	2.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.3	5.7	5.1	4.4	3.8	3.8	3.8
87.5°	2.8	3.0	3.3	3.5	3.8	3.8	3.8
85°	3.2	3.2	3.4	3.6	3.8	3.9	3.8
82.5°	3.5	3.5	3.5	3.6	3.8	3.9	3.8
80°	3.8	3.7	3.6	3.7	3.8	3.9	3.8
77.5°	4.2	3.9	3.7	3.7	3.8	3.9	3.8
75°	4.5	4.2	3.8	3.7	3.8	4.0	3.8
72.5°	4.8	4.4	4.1	3.8	3.8	4.0	3.8
70°	5.1	4.7	4.3	3.8	3.9	4.0	3.8
67.5°	5.1	5.0	4.5	4.0	3.9	4.1	3.8
65°	5.2	5.1	4.7	4.1	3.9	4.1	3.8
62.5°	5.2	5.2	4.9	4.3	3.9	4.1	3.8
60°	5.3	5.3	5.1	4.4	4.0	4.2	3.8
57.5°	5.6	5.5	5.2	4.6	4.1	4.2	3.8
55°	5.9	5.6	5.3	4.7	4.2	4.2	3.8
52.5°	6.2	5.7	5.5	4.9	4.3	4.3	3.8
50°	6.5	6.0	5.6	5.0	4.5	4.3	3.8
47.5°	6.8	6.2	5.7	5.1	4.6	4.4	3.8
45°	7.3	6.5	5.9	5.2	4.7	4.4	3.8
42.5°	7.7	6.7	6.0	5.3	4.8	4.4	3.8
40°	8.1	7.0	6.2	5.5	4.9	4.5	3.8
37.5°	8.5	7.2	6.4	5.7	5.0	4.5	3.8
35°	9.0	7.5	6.6	5.8	5.2	4.6	3.8
32.5°	9.4	7.8	6.7	6.0	5.3	4.6	3.8
30°	9.7	8.2	6.9	6.1	5.4	4.6	3.8
27.5°	10.0	8.5	7.1	6.3	5.5	4.7	3.8
25°	10.3	8.8	7.3	6.4	5.6	4.7	3.8
22.5°	10.6	9.1	7.5	6.6	5.7	4.8	3.8
20°	10.9	9.4	7.7	6.7	5.7	4.8	3.8
17.5°	11.1	9.6	7.9	6.8	5.8	4.9	3.8
15°	11.3	9.7	8.0	7.0	5.9	4.9	3.8
12.5°	11.6	9.9	8.2	7.1	6.0	4.9	3.8
10°	11.8	10.0	8.4	7.2	6.1	5.0	3.8
7.5°	12.0	10.0	8.5	7.3	6.1	5.0	3.8
5°	12.2	10.1	8.7	7.4	6.2	5.0	3.8
2.5°	12.4	10.1	8.8	7.5	6.2	5.1	3.8
0°	12.6	10.1	8.9	7.6	6.3	5.1	3.8
-2.5°	13.8	10.7	9.1	7.7	6.4	5.1	3.8
-5°	14.9	11.2	9.3	7.8	6.4	5.1	3.8
-7.5°	16.0	11.7	9.5	7.8	6.4	5.2	3.8
-10°	16.9	12.2	9.7	7.9	6.5	5.2	3.8
-12.5°	17.8	12.6	9.8	7.9	6.5	5.2	3.8
-15°	18.5	12.9	9.9	8.0	6.6	5.2	3.8
-17.5°	19.1	13.2	10.0	8.0	6.6	5.2	3.8
-20°	19.7	13.5	10.1	8.0	6.6	5.2	3.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.4	13.6	10.1	8.1	6.6	5.2	3.8
-25°	20.7	13.7	10.2	8.1	6.6	5.2	3.8
-27.5°	20.7	13.8	10.1	8.1	6.6	5.2	3.8
-30°	20.2	13.8	10.1	8.1	6.6	5.2	3.8
-32.5°	19.4	13.7	10.1	8.0	6.6	5.2	3.8
-35°	18.9	13.5	10.0	8.0	6.6	5.1	3.8
-37.5°	18.7	13.3	9.9	8.0	6.6	5.1	3.8
-40°	18.3	13.2	9.8	7.9	6.5	5.1	3.8
-42.5°	17.7	13.0	9.7	7.9	6.5	5.1	3.8
-45°	17.1	12.7	9.7	7.9	6.5	5.0	3.8
-47.5°	16.3	12.4	9.6	7.8	6.4	5.0	3.8
-50°	15.7	12.0	9.5	7.8	6.4	4.9	3.8
-52.5°	15.1	11.5	9.4	7.7	6.3	4.9	3.8
-55°	14.4	11.3	9.3	7.6	6.3	4.8	3.8
-57.5°	13.7	11.0	9.2	7.5	6.2	4.8	3.8
-60°	12.9	10.8	9.0	7.3	6.1	4.7	3.8
-62.5°	12.5	10.5	8.7	7.2	6.0	4.6	3.8
-65°	12.1	10.2	8.4	7.0	5.8	4.6	3.8
-67.5°	11.6	9.8	8.1	6.8	5.6	4.5	3.8
-70°	11.1	9.3	7.7	6.6	5.5	4.4	3.8
-72.5°	10.4	8.7	7.4	6.4	5.3	4.4	3.8
-75°	9.5	8.1	7.0	6.1	5.1	4.3	3.8
-77.5°	8.6	7.5	6.7	5.8	4.9	4.2	3.8
-80°	7.7	7.0	6.3	5.5	4.7	4.1	3.8
-82.5°	7.3	6.7	6.0	5.3	4.4	4.0	3.8
-85°	7.0	6.4	5.7	5.0	4.2	4.0	3.8
-87.5°	6.6	6.0	5.4	4.7	4.0	3.9	3.8
-90°	2.5	2.8	3.2	3.5	3.8	3.8	3.8

(END OF REPORT)